

EPM

ENVIRONMENTAL PROJECT MANAGEMENT, LLC

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608.277.0575

June 15, 2011

ECAP-RECEIVED

Mr. Andrew Rackers
Hazardous Waste Program, Permits Section
Missouri Dept. of Natural Resources
P.O. Box 176
Jefferson City, MO 65102-0176

JUN 20 2011

RE: Semi-Annual Progress Report
Univar USA Inc., Expedited Corrective Action Program,
St. Louis, Missouri. EPA ID# MOD084396985

510071



RCRA

Dear Mr. Rackers:

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On behalf of Univar USA Inc. (Univar), Environmental Project Management is providing the Missouri Department of Natural Resources (MDNR) with two copies of the progress report for the above-identified Expedited Corrective Action Program (ECAP) project. This report covers the first half of 2011 and describes the completed activities, findings, and the planned future activities.

Completed Activities

The activities completed over the reporting period for the Univar ECAP St. Louis project consisted of the following:

- Submittal of the previous Progress Report for the second half of 2010.
- Completed field activities associated with a routine semi-annual groundwater sampling event.
- Evaluated the data generated from the field activities completed and prepared this report.

Findings

A groundwater sample was collected from each of the facility monitoring wells on May 17, 2011, as part of the field activities. The sampling activities were completed consistent with the scope of work and the Quality Assurance Project Plan (QAPP) prepared for this ECAP project. Prior to sampling, the water level in each monitoring well was measured. The water level measurements for each well and the water level elevation are presented in the attached Table 1. A water table contour map utilizing the water level data from Table 1 is presented in the attached Figure 1. The configuration of the water table and the direction of groundwater flow shown in Figure 1 are consistent with previous data and observations from this facility.

The data generated from this sampling event, and all past ECAP-related sampling events at this facility, are summarized in the attached Table 2. The complete laboratory analytical report from this groundwater sampling round is provided in Attachment 1 to this progress report. In addition, the concentration of the total volatile organic compounds (VOCs) for each groundwater sample from this round are also included in Figure 1, which illustrates the approximate

distribution of VOCs in the groundwater. The water sampling log summarizing the field data collected during this groundwater sampling round is provided in Attachment 2 to this progress report.

The most recent groundwater sample data presented in Table 2 are generally consistent with the overall previous data from the facility monitoring wells. Some monitoring wells increased in concentration while others decreased, relative to the prior sampling event. None of the monitoring wells exhibit long-term increases in total VOC concentrations over time. Two of the sampled monitoring wells continued to produce non-detectable concentrations of VOCs (MW-1 and MW-5).

The data from the quality assurance/quality control (QA/QC) samples collected during this sampling event are included in Table 2. The trip blank and field equipment blank samples from this groundwater sampling event did not contain any reported detections. A groundwater sample collected from Monitoring Well MW-9 was also submitted to the laboratory as a blind duplicate sample which produced a reported total VOC concentration identical to the original sample, indicating excellent correlation.

The ECAP investigation activities completed at this facility continue to demonstrate that the soil and groundwater environmental impacts are relatively limited. The overall groundwater analytical data generally shows a downward VOC concentration trend due to natural degradation and attenuation processes.

Other Issues

There was a release of ammonium hydroxide at this facility on April 14, 2011. The facility was temporarily evacuated and various emergency response personnel and agencies were notified, including the MDNR. The spill was cleaned up to the satisfaction of the MDNR and other emergency response agencies including the local Fire Department, and therefore has not warranted any further actions.

Future Activities

The future ECAP investigation activities to be completed consist of ongoing semi-annual groundwater sampling and reporting. Univar awaits the MDNR's review of the Corrective Measures Study submitted in July 2010.

Please contact Tony Pirelli of Univar at 262-250-1381, or myself at 608-277-0575, if you have any questions regarding this project.

Sincerely,



Thomas C. Sullivan, P.G.
Principal Scientist/Project Manager

Attachments (1 copy of Attachments 1 & 2 provided to MDNR)

cc: Tony Pirelli, Univar USA Inc. (w/o Attachments 1 & 2)
Christine Jump, US EPA Region 7 (w/o Attachments 1 & 2)

TABLE 1
Water Level Elevations
17-May-11
Univar USA Inc.
St. Louis, Missouri Facility

Well Name	Measuring Point Elevation	Depth to Water (ft)	Water Level Elevation
MW-1	521.82	3.10	518.72
MW-2	523.92	3.66	520.26
MW-3	523.88	1.38	522.50
MW-4	528.64	4.12	524.52
MW-5	530.34	7.79	522.55
MW-6	527.56	9.85	517.71
MW-7	527.71	4.75	522.96
MW-8	523.92	3.65	520.27
MW-9	523.94	0.03	523.91

TABLE 2. Summary of Groundwater Sample VOC Analytical Results, Univar USA Inc., Berkeley, Missouri.

	Tier 1 RBTL	Tier 1 RBTL	EPA Vapor ¹	EPA J & E Model ^a	3/9/2007	6/25/2007	10/15/2007	5/7/2008	9/22/2008	1/26/2009	5/7/2009	12/11/2009	5/26/2010	12/14/2010	5/17/2011	
Aacetone	492,000	36,900	96,400	4010 (4010)	<0.005	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Benzene	9	1.06	0.007	0.171 (1.71)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Bromobenzene	NE	NE	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Bromochloromethane	447	270	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Bromodichloromethane	12	1.17	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Bromoform	2,420	11	0.5	2.12 (21.2)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Bromomethane	8.78	8.98	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
2-Butanone	740,000	12,600	9,520	6960 (6960)	<0.005	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
n-Butylbenzene	119	3	NE	NE	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
sec-Butylbenzene	84	4	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
tert-Butylbenzene	128	4	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Carbon disulfide	189	115	5.25	106 (106)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.670	0.171	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	
Chlorobenzene	178	11.9	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Chloroethane	25.7	33.1	97.8	0.838 (8.38)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroform	2.57	2.11	0.0035	0.062 (0.62)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloromethane	5	14.4	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Chlorotoluene	244	7.64	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Chlorotoluene	0.95	6.49	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-chloropropane	1410	0.0359	ND	ND	<0.001	<0.005	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Dibromochloromethane	51.4	0.932	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromethane	NE	NE	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dibromomethane	NE	NE	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	12,000	292	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	633	6.87	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	21.2	1.64	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dichlorodifluoromethane	21.4	350	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	34.2	12.9	0.0335	285 (285)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	8.28	1.29	0.01	0.078 (0.788)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	72.3	74.4	0.203	37.6 (37.6)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
cis-1,2-Dichloroethene	93.6	23.4	NE	21.5 (21.5)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	86.8	34	1.53	30 (30)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	9.97	1.65	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichloropropane	NA	NA	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2,2-Dichloropropane	NA	NA	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloropropene	NA	NA	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
cis-1,3-Dichloropropene	5.29	1.09	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,3-Dichloropropene	5.29	1.09	ND	NA	<0.001	<0.001	<0.001	<0.001</								

TABLE 2. Summary of Groundwater Sample VOC Analytical Results, Univar USA Inc., Berkeley, Missouri.

	Tier 1 RBTL Vapor ¹	Tier 1 RBTL Dermal ²	EPA RSL Vapor ³	EPA J & E Model ⁴	3/9/2007	6/25/2007	10/15/2007	5/7/2008	9/22/2008	1/26/2009	5/7/2009	12/1/2009	5/26/2010	12/14/2010	5/17/2011	
Acetone	492,000	36,900	96,400	4010 (4010)	<0.025	<0.05	<0.025	<0.01	0.018	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Benzene	9	1.06	0.007	0.171 (1.71)	<0.005	<0.01	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Bromobenzene	NE	NE	ND	ND	<0.005	<0.01	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Bromoform	447	270	ND	ND	<0.005	<0.01	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Bromochloromethane	12	1.17	ND	ND	<0.005	<0.01	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Bromodichloromethane	2,420	11	0.5	2.12 (21.2)	<0.005	<0.01	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Bromomethane	8.78	8.98	ND	ND	<0.005	<0.01	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
2-Butanone	740,000	12,600	9,520	6960 (6960)	<0.025	<0.025	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
n-Butylbenzene	119	3	NE	NE	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
sec-Butylbenzene	84	4	ND	ND	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
tert-Butylbenzene	128	4	ND	ND	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Carbon disulfide	189	115	5.25	106 (106)	NA	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Carbon tetrachloride	0.670	0.171	ND	ND	<0.005	<0.01	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Chlorobenzene	178	11.9	ND	ND	<0.005	<0.01	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Chloroethane	25.7	33.1	97.8	0.838 (8.38)	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Chloroform	2.57	2.11	0.0035	0.062 (0.62)	<0.005	<0.01	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Chloromethane	5	14.4	ND	ND	<0.005	<0.01	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
2-Chlorotoluene	244	7.64	ND	ND	<0.005	<0.01	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
4-Chlorotoluene	0.95	6.49	ND	ND	<0.005	<0.01	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,2-Dibromo-3-chloropropane	1410	0.0359	ND	ND	<0.005	<0.05	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
Dibromochloromethane	514	0.932	ND	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,2-Dibromoethane	NE	NE	ND	ND	<0.005	<0.01	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Dibromomethane	NE	NE	ND	ND	<0.005	<0.01	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,2-Dichlorobenzene	12,000	292	ND	ND	<0.005	<0.01	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,3-Dichlorobenzene	633	6.87	ND	ND	<0.005	<0.01	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,4-Dichlorobenzene	21.2	1.64	ND	ND	<0.005	<0.01	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Dichlorodifluoromethane	214	350	ND	ND	<0.005	<0.01	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,1-Dichloroethane	34.2	12.9	0.0335	285 (285)	0.035	0.038	0.049	0.0213	0.0123	0.0028	0.0014	0.005	<0.001	0.0137		
1,2-Dichloroethane	8.28	1.29	0.01	0.078 (0.788)	0.23	0.26	0.27	0.0719	0.23	0.0169	0.0065	0.0038	0.0206	0.0021	0.053	
1,1-Dichloroethene	72.3	74.4	0.203	37.6 (37.6)	0.014	0.026	0.032	0.0148	0.036	0.0086	0.0018	<0.001	0.0034	<0.001	0.0093	
cis-1,2-Dichloroethene	93.6	23.4	NE	21.5 (21.5)	0.23	0.26	0.44	0.218	0.52	0.144	0.0242	0.0141	0.0598	0.0125	0.132	
trans-1,2-Dichloroethene	86.8	34	1.53	30 (30)	<0.005	<0.01	<0.005	<0.017	0.0048	<0.001	<0.001	<0.001	<0.001	<0.001	0.0011	
1,2-Dichloropropane	9.97	1.65	ND	ND	<0.005	<0.01	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,3-Dichloropropane	NA	NA	ND	ND	<0.005	<0.01	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
2,2-Dichloropropene	NA	NA	ND	ND	<0.005	<0.01	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,1-Dichloropropene	NA	NA	ND	ND	<0.005	<0.01	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
cis-1,3-Dichloropropene	5.29	1.09	ND	ND	<0.005	<0.01	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
trans-1,3-Dichloropropene	2,390	144	8	NE	<0.005	<0.01	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Ethylbenzene	1,430	35.1	ND	ND</												

TABLE 2. Summary of Groundwater Sample VOC Analytical Results, Univar USA Inc., Berkeley, Missouri.

	Tier 1 RBTL ¹	Tier 1 RBTL ¹	EPA Vapor ²	EPA J & E Model ⁴	3/9/2007	3/9/2007 Dup	6/25/2007	10/15/2007	5/7/2008	9/22/2008	1/26/2009	5/7/2009	12/1/2009	5/26/2010	12/14/2010	5/17/2011	MW-3
Acetone	492,000	36,900	96,400	4010 (4010)	<0.25	<0.1	<0.5	<0.25	<0.1	0.017	<1	0.16	<1	<1	<1	<1	<0.5
Benzene	9	1.06	0.007	0.171 (1.71)	<0.05	<0.02	<0.1	<0.05	<0.01	0.0012	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05
Bromobenzene	NE	NE	ND	ND	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05
Bromoform	447	270	ND	ND	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05
Bromochloromethane	12	1.17	ND	ND	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05
Bromomethane	8.78	8.98	ND	ND	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05
2-Butinone	740,000	12,600	9,520	6960 (6960)	<0.25	<0.02	<0.5	<0.25	<0.1	<0.01	<1	<1	<1	<1	<1	<1	<0.5
n-Butylbenzene	119	3	NE	NE	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05
sec-Butylbenzene	84	4	ND	ND	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05
tert-Butylbenzene	128	4	ND	ND	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05
Carbon disulfide	189	115	5.25	108 (106)	NA	NA	NA	NA	<0.05	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.25
Chloroform	2.57	2.11	0.0035	0.062 (0.62)	<0.05	<0.02	<0.1	<0.05	0.0305	0.0335	0.0463	0.0626	0.0408	<0.1	<0.1	<0.1	<0.05
Chloromethane	5	14.4	ND	ND	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05
2-Chlorotoluene	244	7.64	ND	ND	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05
4-Chlorotoluene	0.95	6.49	ND	ND	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05
1,2-Dibromo-3-chloropropane	1410	0.0359	ND	ND	<0.05	<0.02	<0.5	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.125
Dibromochloromethane	51.4	0.932	ND	NA	NA	NA	NA	NA	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05
1,2-Dibromoethane	NE	NE	ND	ND	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05
Dibromomethane	NE	NE	ND	ND	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05
1,2-Dichlorobenzene	12,000	292	ND	ND	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05
1,3-Dichlorobenzene	633	6.87	ND	ND	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05
1,4-Dichlorobenzene	21.2	1.64	ND	ND	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05
Dichlorodifluoromethane	21.4	350	ND	ND	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05
1,1-Dichloroethane	34.2	12.9	0.0335	285 (285)	0.2	0.21	0.32	0.33	0.33	0.348	0.274	0.294	0.181	0.257			
1,2-Dichloroethane	8.28	1.29	0.01	0.078 (0.788)	2.7	2.9	3.3	3.2	2.28	2.9	2.7	2.62	1.99	2.25	1.57	1.91	
1,1-Dichloroethene	72.3	74.4	0.203	37.6 (37.6)	0.11	0.12	0.34	0.33	0.295	0.45	0.373	0.382	0.27	0.321	0.207	0.274	
cis-1,2-Dichloroethene	93.6	23.4	NE	21.5 (21.5)	0.45	0.46	0.61	0.88	0.921	1.5	1.76	1.61	2.83	2.88	2.79	3.44	
trans-1,2-Dichloroethene	86.8	34	1.53	30 (30)	<0.05	<0.02	<0.1	<0.05	0.0123	0.057	<0.1	0.0115	0.0241	<0.1	<0.1	<0.1	<0.05
1,2-Dichloropropane	9.97	1.65	ND	ND	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05
1,3-Dichloropropane	NA	NA	ND	ND	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	
2,2-Dichloropropane	NA	NA	ND	ND	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	
1,1-Dichloropropene	NA	NA	ND	ND	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	
cis-1,3-Dichloropropene	5.29	1.09	ND	ND	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	
trans-1,3-Dichloropropene	5.29	1.09	ND	NA	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	
1,4-Dioxane	2,390	144	8	NE	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.111	<10	<10	<10	<5	
Ethylbenzene	1,430	35.1	ND	ND	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	
Hexachlorobutadiene	1.9	0.0262	0.001	0.098 (0.986)	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	
2-Hexanone	527	254	ND	NA	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	
Isopropylbenzene	52.7	25	ND	ND	<0.05	<0.02	<0.										

TABLE 2. Summary of Groundwater Sample VOC Analytical Results, Univar USA Inc., Berkeley, Missouri.

	Tier 1 RBTL ¹	Tier 1 RBTL ¹	EPA Vapor ²	EPA J & E Model ^a	3/9/2007	6/25/2007	10/15/2007	5/7/2008	9/22/2008	1/26/2009	5/7/2009	MW-4	12/1/2009	5/26/2010	12/14/2010	5/17/2011	
Acetone	492,000	36,900	96,400	4010 (4010)	<0.005	<0.005	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Benzene	9	1.06	0.007	0.171 (1.71)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Bromobenzene	NE	NE	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Bromoform	447	270	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Bromodichloromethane	12	1.17	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Bromomethane	8.78	8.98	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
2-Butinone	740,000	12,600	9,520	6960 (6960)	<0.005	<0.005	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
n-Butylbenzene	119	3	NE	NE	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
sec-Butylbenzene	84	4	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
tert-Butylbenzene	128	4	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Carbon disulfide	189	115	5.25	106 (106)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.670	0.171	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Chlorobenzene	178	11.9	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Chloroethane	25.7	33.1	97.8	0.838 (8.38)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Chloroform	2.57	2.11	0.0035	0.062 (0.62)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Chloromethane	5	14.4	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
2-Chlorotoluene	244	7.64	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
4-Chlorotoluene	0.95	6.49	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,2-Dibromo-3-chloropropane	1410	0.0359	ND	ND	<0.001	<0.005	<0.005	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
Dibromochloromethane	51.4	0.932	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,2-Dibromoethane	NE	NE	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Dibromomethane	NE	NE	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,2-Dichlorobenzene	12,000	292	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,3-Dichlorobenzene	633	6.87	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,4-Dichlorobenzene	21.2	1.64	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Dichlorodifluoromethane	21.4	350	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,1-Dichloroethane	34.2	12.9	0.0335	285 (285)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,2-Dichloroethane	8.28	1.29	0.01	0.078 (0.78)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,1-Dichloroethene	72.3	74.4	0.203	37.6 (37.6)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
cis-1,2-Dichloroethene	93.6	23.4	NE	21.5 (21.5)	0.0028	0.0014	0.0083	0.0032	0.006	0.0016	0.0014	0.0021	0.0035	0.0031	0.001		
trans-1,2-Dichloroethene	86.8	34	1.53	30 (30)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,2-Dichloropropane	9.97	1.65	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,3-Dichloropropane	NA	NA	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
2,2-Dichloropropane	NA	NA	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,1-Dichloropropene	NA	NA	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
cis-1,3-Dichloropropene	5.29	1.09	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
trans-1,3-Dichloropropene	5.29	1.09	ND	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,4-Dioxane	2,390	144</															

TABLE 2. Summary of Groundwater Sample VOC Analytical Results, Univair USA Inc., Berkeley, Missouri

TABLE 2. Summary of Groundwater Sample VOC Analytical Results, Univar USA Inc., Berkeley, Missouri.

	Tier 1 RBTL	Tier 1 RBTL	EPA RSL Vapor ³	EPA J & E Model ⁴	3/9/2007	6/25/2007	6/25/2007 Dup	10/15/2007	5/7/2008	9/22/2008	1/26/2009	1/26/2009 dup	5/7/2009	12/1/2009	5/26/2010	12/14/2010	5/7/2011
Acetone	492,000	36,900	96,400	4010(4010)	<0.25	<0.005	<0.005	<0.05	<0.01	<0.1	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01
Benzene	9	1.06	0.007	0.171 (1.71)	<0.05	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001
Bromobenzene	NE	NE	ND	ND	<0.05	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001
Bromoform	447	270	ND	ND	<0.05	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane	12	1.17	ND	ND	<0.05	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001
Carbon disulfide	189	115	5.25	108 (106)	<0.05	<0.002	<0.002	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon tetrachloride	0.670	0.171	ND	ND	<0.05	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	178	11.9	ND	ND	<0.05	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroethane	25.7	33.1	97.8	0.838 (8.38)	<0.05	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroform	2.57	2.11	0.0035	0.062 (0.62)	<0.05	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005
Chloromethane	5	14.4	ND	ND	<0.05	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dibromoethane	244	7.64	ND	ND	<0.05	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005
4-Chlorotoluene	0.95	6.49	ND	ND	<0.05	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dibromo-3-chloropropane	1410	0.0359	ND	ND	<0.05	<0.005	<0.005	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Dibromochloromethane	51.4	0.932	ND	NA	<0.05	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005
Dibromomethane	NE	NE	ND	ND	<0.05	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichlorobenzene	12,000	292	ND	ND	<0.05	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005
1,3-Dichlorobenzene	633	6.87	ND	ND	<0.05	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005
1,4-Dichlorobenzene	21.2	1.64	ND	ND	<0.05	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005
Dichlorodifluoromethane	21.4	350	ND	ND	<0.05	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethane	34.2	12.9	0.0335	0.57	0.13	0.12	1.3	0.888	0.745	0.361	0.399	0.138	0.208	0.0484	0.0496	0.118	0.118
1,2-Dichloroethane	8.28	1.29	0.01	0.078 (0.788)	<0.05	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethene	72.3	74.4	0.203	37.6 (37.6)	0.087	0.014	0.012	0.24	0.165	0.109	0.0411	0.0461	0.0129	0.0277	0.0173	0.0096	0.0114
cis-1,2-Dichloroethene	93.6	23.4	NE	21.5 (21.5)	0.063	0.014	0.012	0.16	0.09	0.0943	0.0502	0.0545	0.0125	0.0243	0.0168	0.0082	0.0133
trans-1,2-Dichloroethene	86.8	34	1.53	30 (30)	<0.05	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloropropane	9.97	1.65	ND	ND	<0.05	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005
1,3-Dichloropropane	NA	NA	ND	ND	<0.05	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005
2,2-Dichloropropane	NA	NA	ND	ND	<0.05	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloropropene	NA	NA	ND	ND	<0.05	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	5.29	1.09	ND	ND	<0.05	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,3-Dichloropropene	5.29	1.09	ND	ND	<0.05	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005
1,4-Dioxane	2,390	144	8	NE	NA	NA	NA	NA	NA	<1	0.0778	0.0786	0.0759	0.0579	0.102	0.102	0.102
Ethylbenzene	1,430	35.1	ND	ND	<0.05	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005
Hexachlorobutadiene	1.9	0.0262	0.001	0.098 (0.966)	<0.05	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005
2-Hexanone	527	254	ND	NA	<0.05	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005
Isopropylbenzene	52.7	25	ND	ND	<0.05	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01						

TABLE 2. Summary of Groundwater Sample VOC Analytical Results, Univar USA Inc., Berkeley, Missouri.

Tier 1 RBTL	Tier 1 RBTL	EPA Model ⁴	EPA J & E	3/9/2007	6/25/2007	10/15/2007	10/15/2007 Dup	5/7/2008	5/7/2008 Dup	9/22/2008	9/22/2008 Dup	1/26/2009	5/7/2009	12/1/2009	5/26/2010	12/14/2010	5/17/2011	
Vapor ¹	Dermal ²	RSL Vapor ³																
Acetone	482.000	36.900	96,400	4010 (4010)	<12	<1.2	0.16	<0.01	<0.01	<0.001	<0.001	<0.005	<0.005	<0.001	<0.01	<0.01	<0.01	
Benzene	9	1.06	0.007	0.171 (1.71)	<2.5	<0.25	<0.025	<0.02	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	
Bromobenzene	NE	NE	ND	ND	<2.5	<0.25	<0.025	<0.02	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	
Bromoform	447	270	ND	ND	<2.5	<0.25	<0.025	<0.02	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	
Bromochloromethane	12	1.17	ND	ND	<2.5	<0.25	<0.025	<0.02	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	
Bromonitroethane	2,420	11	0.5	2.12 (21.2)	<2.5	<0.25	<0.025	<0.02	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	
Carbon disulfide	189	115	5.25	108 (106)	NA	NA	NA	NA	<0.001	<0.001	<0.005	<0.005	<0.025	<0.005	<0.005	<0.005	<0.005	
Carbon tetrachloride	2,000	12,600	9,520	6980 (6960)	<12	<1.2	<0.12	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	
n-Butylbenzene	119	3	NE	NE	<2.5	<0.25	<0.025	<0.02	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	
sec-Butylbenzene	84	4	ND	ND	<2.5	<0.25	<0.025	<0.02	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	
tert-Butylbenzene	128	4	ND	ND	<2.5	<0.25	<0.025	<0.02	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	
Chloroform	2,57	2,11	0.0035	0.062 (0.62)	<2.5	<0.25	<0.025	<0.02	<0.001	<0.001	<0.005	<0.005	<0.025	<0.005	<0.005	<0.005	<0.005	
Chloronaphthalene	5	14.4	ND	ND	<2.5	<0.25	<0.025	<0.02	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	
2-Chlorotoluene	244	7.64	ND	ND	<2.5	<0.25	<0.025	<0.02	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	
4-Chlorotoluene	0.95	6.49	ND	ND	<2.5	<0.25	<0.025	<0.02	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	
1,2-Dibromo-3-chloropropane	1410	0.0359	ND	ND	<2.5	<0.25	<0.025	<0.02	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	
Dibromoethane	51.4	0.932	ND	ND	NA	NA	NA	NA	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	
1,2-Dibromomethane	NE	NE	ND	ND	<2.5	<0.25	<0.025	<0.02	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	
Dibromomethane	NE	NE	ND	ND	<2.5	<0.25	<0.025	<0.02	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	
1,2-Dichlorobenzene	12,000	292	ND	ND	<2.5	<0.25	<0.025	<0.02	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	
1,3-Dichlorobenzene	633	6.87	ND	ND	<2.5	<0.25	<0.025	<0.02	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	
1,4-Dichlorobenzene	21.2	1.64	ND	ND	<2.5	<0.25	<0.025	<0.02	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	
Dichlorodifluoromethane	21.4	350	ND	ND	<2.5	<0.25	<0.025	<0.02	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	
1,1-Dichloroethane	34.2	12.9	0.0335	285 (285)	31	0.96	1	0.9	0.203	0.206	0.14	0.15	0.144	0.0661	0.132	0.0604	0.121	
1,2-Dichloroethane	8.28	1.29	0.01	0.078 (0.788)	<2.5	<0.25	<0.025	<0.02	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	
1,1-Dichloroethene	72.3	74.4	0.203	37.6 (37.6)	<2.5	<0.25	0.21	0.22	0.039	0.02	0.019	0.0163	0.012	0.012	0.0092	0.0219		
cis-1,2-Dichloroethene	93.6	23.4	NE	21.5 (21.5)	4.6	0.56	0.46	0.46	0.123	0.125	0.066	0.071	0.105	0.093	0.0296	0.0539	0.0242	0.0683
trans-1,2-Dichloroethene	86.8	34	1.53	30 (30)	<2.5	<0.25	<0.025	<0.02	0.0017	0.0016	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	
1,2-Dichloropropane	9.97	1.65	ND	ND	<2.5	<0.25	<0.025	<0.02	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	
1,3-Dichloropropane	NA	NA	ND	ND	<2.5	<0.25	<0.025	<0.02	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	
2,2-Dichloropropane	NA	NA	ND	ND	<2.5	<0.25	<0.025	<0.02	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	
1,1-Dichloropropene	NA	NA	ND	ND	<2.5	<0.25	<0.025	<0.02	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	
cis-1,3-Dichloropropene	5.29	1.09	ND	ND	<2.5	<0.25	<0.025	<0.02	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	
trans-1,3-Dichloropropene	5.29	1.09	ND	ND	<2.5	<0.25	<0.025	<0.02	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.	

TABLE 2. Summary of Groundwater Sample VOC Analytical Results, Univar USA Inc., Berkeley, Missouri.

	Tier 1 RBTL ¹	Tier 1 RBTL ²	EPA RSL Vapor ³	EPA Model ⁴ J & E	3/9/2007	6/25/2007	10/15/2007	5/7/2008	9/22/2008	1/26/2009	5/7/2009	12/1/2009	5/26/2010	12/14/2010	5/17/2011
Acetone	492,000	36,900	96,400	4010 (4010)	<0.25	<0.12	<0.025	<0.01	0.019	<0.1	0.0271	<0.1	<0.1	<0.1	<0.1
Benzene	9	1.06	0.007	0.171 (1.71)	<0.05	<0.025	<0.005	0.0033	0.0033	0.0036	0.0044	<0.01	<0.01	<0.01	<0.01
Bromobenzene	NE	NE	ND	ND	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromoform	447	270	ND	ND	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromochloromethane	12	1.17	ND	ND	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromomethane	2,420	11	0.5	2.12 (21.2)	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Butanone	7,40,000	12,600	9,520	6960 (6960)	<0.25	<0.12	<0.025	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
n-Butylbenzene	119	3	NE	NE	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
sec-Butylbenzene	84	4	ND	ND	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
tert-Butylbenzene	128	4	ND	ND	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Carbon disulfide	189	115	5.25	108 (106)	NA	NA	<0.001	<0.005	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloroform	0.670	0.171	ND	ND	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chloroethane	178	11.9	ND	ND	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chloromethane	25.7	33.1	97.8	0.838 (8.38)	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dibromoethane	2.57	2.11	0.0035	0.062 (0.62)	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dibromochloromethane	5	14.4	ND	ND	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Dibromoethane	244	7.64	ND	ND	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Chlorotoluene	0.95	6.49	ND	ND	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Dibromo-3-chloropropane	1410	0.0359	ND	ND	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,3-Dichlorobenzene	633	6.87	ND	ND	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,4-Dichlorobenzene	21.2	1.64	ND	ND	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dichlorodifluoromethane	21.4	350	ND	ND	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1-Dichloroethane	34.2	12.9	0.0335	285 (285)	0.13	0.17	0.147	0.17	0.134	0.15	0.134	0.143	0.091	0.126	0.126
1,2-Dichloroethane	8.28	1.29	0.01	0.078 (0.788)	0.28	0.25	0.26	0.186	0.28	0.221	0.247	0.233	0.219	0.128	0.155
1,1-Dichloroethene	72.3	74.4	0.203	37.6 (37.6)	0.1	0.16	0.17	0.162	0.24	0.138	0.167	0.132	0.134	0.0725	0.119
cis-1,2-Dichloroethene	93.6	23.4	NE	21.5 (21.5)	0.25	0.3	0.72	0.591	1.3	0.856	1.14	0.98	1.19	0.761	1.04
trans-1,2-Dichloroethene	86.8	34	1.53	30 (30)	<0.05	<0.025	<0.005	0.0134	0.02	0.0038	0.0035	0.0035	<0.01	<0.01	<0.01
1,2-Dichloropropane	9.97	1.65	ND	ND	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,3-Dichloropropane	NA	NA	ND	ND	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2,2-Dichloropropane	NA	NA	ND	ND	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1-Dichloropropene	NA	NA	ND	ND	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
cis-1,3-Dichloropropene	5.29	1.09	ND	ND	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
trans-1,3-Dichloropropene	5.29	1.09	ND	NA	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Ethylbenzene	2,390	144	8	NE	NA	NA	NA	0.26	0.272	0.264	0.0889	<1	<1	<1	<1
Hexachlorobutadiene	1.9	0.0262	0.001	0.096 (0.966)	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Hexanone	527	254	ND	NA	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Isopropylbenzene	52.7	25	ND	ND	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
p-Isopropyltoluene	NE	NE	ND	ND	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Methyl-2-pentanone	220,000	518	ND	ND	<0.25	<0.12	<0.05	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Methyl-tert-butyl-ether	1,760	85.8	ND	ND	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methylene chloride	214	20.2	0.2	3.19 (31.9)	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Naphthalene	22	7	ND	ND	<										

TABLE 2. Summary of Groundwater Sample VOC Analytical Results, Univar USA Inc., Berkeley, Missouri.

	Tier 1 RBTL	Tier 1 RBTL	EPA	EPA J & E	9/23/2008	1/26/2009	5/7/2009	5/7/2009 Dup	12/1/2009	12/1/2009 Dup	5/26/2010	5/26/2010 Dup	12/14/2010	12/14/2010 dup	5/17/2011	5/17/2011 dup	MW=9
	Vapor ¹	Dermal ²	RSL Vapor ³	Model ⁴													
Acetone	492,000	36,900	96,400	4010(4010)	0.411	0.214	0.0567	0.12	<0.1	<0.1	<0.1	<0.05	<0.1	<0.1	<0.1	<0.1	
Benzene	9	1.06	0.007	0.171 (1.71)	<0.01	<0.01	0.0017	<0.001	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	
Bromobenzene	NE	NE	ND	ND	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	
Bromoform	447	270	ND	ND	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	
Bromochloromethane	12	1.17	ND	ND	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	
Bromomethane	8.78	8.98	ND	ND	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	
2-Butanone	740,000	12,600	9,520	6960(6960)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.1	<0.1	<0.1	<0.1	
n-Butylbenzene	119	3	NE	NE	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	
sec-Butylbenzene	84	4	ND	ND	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	
tert-Butylbenzene	128	4	ND	ND	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	
Carbon disulfide	189	115	5.25	108 (106)	<0.05	<0.05	<0.05	<0.005	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Carbon tetrachloride	0.670	0.171	ND	ND	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	
Chlorobenzene	178	11.9	ND	ND	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	
Chloroethane	25.7	33.1	97.8	0.838 (8.38)	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	
Chloroform	2.57	2.11	0.0035	0.062 (0.62)	0.0123	0.0152	0.0068	0.0083	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	
Chloromethane	5	14.4	ND	ND	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	
2-Chlorotoluene	244	7.64	ND	ND	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	
4-Chlorotoluene	0.95	6.49	ND	ND	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	
1,2-Dibromo-3-chloropropane	1410	0.0359	ND	ND	<0.025	<0.025	<0.025	<0.0025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	
Dibromochloromethane	51.4	0.932	ND	ND	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	
1,2-Dibromoethane	NE	NE	ND	ND	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	
Dibromomethane	NE	NE	ND	ND	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	
1,2-Dichlorobenzene	12,000	292	ND	ND	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	
1,3-Dichlorobenzene	633	6.87	ND	ND	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	
1,4-Dichlorobenzene	21.2	1.64	ND	ND	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	
Dichlorodifluoromethane	21.4	350	ND	ND	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	
1,1-Dichloroethane	34.2	12.9	0.0335	285 (285)	0.0367	0.095	0.135	0.158	0.132	0.121	0.139	0.143	0.106	0.0974	0.106	0.107	
1,2-Dichloroethane	8.28	1.29	0.01	0.078 (0.788)	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	
1,1-Dichloroethene	72.3	74.4	0.203	37.6 (37.6)	<0.01	0.0047	0.0057	0.0062	0.0037	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	
cis-1,2-Dichloroethene	93.6	23.4	NE	21.5 (21.5)	0.0099	0.0371	0.0417	0.0421	0.085	0.0712	0.0404	0.0332	0.0297	0.041	0.0319		
trans-1,2-Dichloroethene	86.8	34	1.53	30 (30)	0.0013	0.0052	0.0024	0.0048	0.0062	0.0058	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	
1,2-Dichloropropane	9.97	1.65	ND	ND	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	
1,3-Dichloropropane	NA	NA	ND	ND	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	
2,2-Dichloropropane	NA	NA	ND	ND	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	
1,1-Dichloropropene	NA	NA	ND	ND	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	
cis-1,3-Dichloropropene	5.29	1.09	ND	ND	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	
trans-1,3-Dichloropropene	5.29	1.09	ND	ND	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<		

TABLE 2. Summary of Groundwater Sample VOC Analytical Results, Univar USA Inc., Berkeley, Missouri.

	Tier 1 RBTL ¹	Tier 1 RBTL	EPA RSL Vapor ³	EPA J & E Model ⁴	3/9/2007	6/25/2007	10/15/2007	5/7/2008	9/23/2008	1/26/2009	5/7/2009	12/1/2009	5/26/2010	12/14/2010	5/17/2011	
Acetone	492,000	36,900	96,400	4010(4010)	<0.005	<0.005	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Benzene	9	1.06	0.007	0.171 (1.71)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Bromobenzene	NE	NE	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Bromoform	447	270	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Bromochloromethane	12	1.17	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Bromomethane	2,420	11	0.5	2.12 (21.2)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
2-Butanone	740,000	12,600	9,520	6960 (6960)	<0.005	<0.005	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
n-Butylbenzene	119	3	NE	NE	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
sec-Butylbenzene	84	4	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
tert-Butylbenzene	128	4	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Carbon disulfide	189	115	5.25	106 (106)	NA	NA	NA	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Carbon tetrachloride	0.670	0.171	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Chlorobenzene	178	11.9	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Chloroethane	25.7	33.1	97.8	0.838 (8.38)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Chloroform	2.57	2.11	0.0035	0.062 (0.62)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Chloromethane	5	14.4	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
2-Chlorotoluene	244	7.64	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
4-Chlorotoluene	0.95	6.49	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,2-Dibromo-3-chloropropane	1410	0.0359	ND	ND	<0.001	<0.005	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
Dibromoethane	51.4	0.932	ND	NA	NA	NA	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,2-Dibromoethane	NE	NE	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Dibromomethane	NE	NE	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,2-Dichlorobenzene	12,000	292	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,3-Dichlorobenzene	633	6.87	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,4-Dichlorobenzene	21.2	1.64	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Dichlorodifluoromethane	21.4	350	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,1-Dichloroethane	34.2	12.9	0.0335	285 (285)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	8.28	1.29	0.01	0.078 (0.788)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	72.3	74.4	0.203	37.6 (37.6)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
cis-1,2-Dichloroethene	93.6	23.4	NE	21.5 (21.5)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	86.8	34	1.53	30 (30)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	9.97	1.65	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichloropropane	NA	NA	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2,2-Dichloropropane	NA	NA	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloropropene	9.09	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
cis-1,3-Dichloropropene	5.29	1.09	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,3-Dichloropropene	5.29	1.09	ND	NE	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Ethylbenzene	2,390	144	8	NE	NA	NA	NA	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Hexachlorobutadiene	1.9	0.0262	0.001	0.096 (0.966)	<0.001	<0.001	<0.001	<0.001	<0.00							